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 **PALM INTRANET**

## Inventor Information for 10/511605

| Inventor Name              | City             | State/Country |
|----------------------------|------------------|---------------|
| <u>YAMAGUCHI, TAKASHI</u>  | HIKONE-SHI       | JAPAN         |
| <u>UEDA, YASUNORI</u>      | HIKONE-SHI       | JAPAN         |
| <u>YANAGI, KOTARO</u>      | HIKONE-SHI       | JAPAN         |
| <u>MIHARA, IZUMI</u>       | DAITO-SHI        | JAPAN         |
| <u>TAKATANI, MASAHIRO</u>  | HIRAKATA-SHI     | JAPAN         |
| <u>OGAWA, TETSUSHI</u>     | HIGASHIOSAKA-SHI | JAPAN         |
| <u>ADACHI, TAKUMI</u>      | YOKOHAMA-SHI     | JAPAN         |
| <u>MURAMATSU, ETSUSHI</u>  | YOKOHAMA-SHI     | JAPAN         |
| <u>NISHIZAWA, TSUYOSHI</u> | YOKOHAMA-SHI     | JAPAN         |
| <u>YUKAWA, TAKASHI</u>     | KYOTO-SHI        | JAPAN         |
| <u>YAMAMOTO, MATSUKI</u>   | ASHIYA-SHI       | JAPAN         |
| <u>TANIGUCHI, FUMIO</u>    | HIKONE-SHI       | JAPAN         |
| <u>YAMASAKI, MASANOBU</u>  | HIKONE-SHI       | JAPAN         |

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| US<br>20060061888<br>A1 | US-<br>PGPUB | 20060323 | Lens holder and lens unit  | 359/819    |                     | Kageyama;<br>Takuya et al.     |
| US<br>20060055084<br>A1 | US-<br>PGPUB | 20060316 | Composite of aluminium material and synthetic resin molding and process for producing the same | 264/328.16 | 205/324;<br>264/274 | Yamaguchi;<br>Takashi et al.   |
| US<br>20060052931<br>A1 | US-<br>PGPUB | 20060309 | Failure diagnosis apparatus for evaporative fuel processing system                             | 701/114    | 73/40               | Shikama;<br>Mahito et al.      |
| US<br>20060042095<br>A1 | US-<br>PGPUB | 20060302 | Comb-vibration preventing structure for hair cutter  | 30/201     |                     | Yamaguchi;<br>Takashi et al.   |
| US<br>20060029875<br>A1 | US-<br>PGPUB | 20060209 | Toner for electrophotography   | 430/109.4  |                     | Kamiyoshi;<br>Nobumichi et al. |
| US<br>20060025226<br>A1 | US-<br>PGPUB | 20060202 | Rocking type exercising apparatus  | 472/97     | 472/100             | Nakano; Toshio et al.          |
| US<br>20060023260<br>A1 | US-<br>PGPUB | 20060202 | Image processing method, image printing method, image printing mechanism and printed matter    | 358/3.28   | 382/100             | Miki; Takeo et al.             |
| US<br>20060021228<br>A1 | US-<br>PGPUB | 20060202 | Dry shaver   | 30/43.92   |                     | Shiba; Takeshi et al.          |
| US<br>20060014471<br>A1 | US-<br>PGPUB | 20060119 | Sound apparatus  | 446/456    | 446/409             | Yamaguchi;<br>Takashi et al.   |
| US<br>20060011225<br>A1 | US-<br>PGPUB | 20060119 | Cleaning system of a hair removing apparatus   | 134/201    |                     | Saito; Atsuhiko et al.         |
| US<br>20060000668<br>A1 | US-<br>PGPUB | 20060105 | Muffler device   | 181/249    | 181/255             | Yamaguchi;<br>Takashi et al.   |
| US<br>20060000652<br>A1 | US-<br>PGPUB | 20060105 | Fender structure for motorcycle  | 180/68.3   | 296/78.1            | Yamaguchi;<br>Takashi et al.   |
| US<br>20050284141<br>A1 | US-<br>PGPUB | 20051229 | Exhaust gas purifying apparatus of motorcycle  | 60/299     |                     | Yamaguchi;<br>Takashi et al.   |
| US<br>20050274402<br>A1 | US-<br>PGPUB | 20051215 | Cleaning device for an electrical hair removing apparatus                                      | 134/103.1  |                     | Saito, Atsuhiko et al.         |

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| US<br>20050257431<br>A1 | US-<br>PGPUB | 20051124 | Grinding wheel<br>containing hollow<br>particles along with<br>abrasive grains, and<br>method for<br>manufacturing same | 51/307     | 51/308                                      | Yamaguchi,<br>Takashi             |
| US<br>20050229400<br>A1 | US-<br>PGPUB | 20051020 | Shaver  | 30/43.92   |   | Yamaguchi,<br>Takashi et al.      |
| US<br>20050227579<br>A1 | US-<br>PGPUB | 20051013 | Play extension system<br>and program for the<br>same  | 446/308    |   | Yamaguchi,<br>Takashi et al.      |
| US<br>20050199785<br>A1 | US-<br>PGPUB | 20050915 | Model-use light<br>receiving device, model,<br>and model-use signal<br>light detection method                           | 250/216    | 250/214R;<br>250/221;<br>257/E31.128        | Yamaguchi,<br>Takashi et al.      |
| US<br>20050190399<br>A1 | US-<br>PGPUB | 20050901 | Image output device and<br>image output system  | 358/1.15   | 719/321                                     | Nakaoka,<br>Yasushi et al.        |
| US<br>20050189003<br>A1 | US-<br>PGPUB | 20050901 | Cleaning device for a<br>hair removing apparatus<br>and method of cleaning<br>the same                                  | 134/10     | 134/111;<br>134/166R;<br>134/186;<br>134/34 | Saito, Atsuhiko<br>et al.         |
| US<br>20050186883<br>A1 | US-<br>PGPUB | 20050825 | Play facility for remote<br>operation system  | 446/456    |   | Yamaguchi,<br>Takashi             |
| US<br>20050184302<br>A1 | US-<br>PGPUB | 20050825 | Nitride semiconductor<br>device and method of<br>manufacturing the same   | 257/96     |   | Kobayashi,<br>Toshimasa et<br>al. |
| US<br>20050157149<br>A1 | US-<br>PGPUB | 20050721 | Image processing<br>method  | 347/107    |   | Yamaguchi,<br>Takashi et al.      |
| US<br>20050147144<br>A1 | US-<br>PGPUB | 20050707 | Semiconductor laser<br>light emitting device  | 372/43.01  |   | Yoshida,<br>Hiroshi et al.        |
| US<br>20050140109<br>A1 | US-<br>PGPUB | 20050630 | Car model   | 280/93.512 |   | Yamaguchi,<br>Takashi             |
| US<br>20050139180<br>A1 | US-<br>PGPUB | 20050630 | Electromagnetic spool<br>valve  | 123/90.17  |   | Isobe, Eiji et al.                |
| US<br>20050138821<br>A1 | US-<br>PGPUB | 20050630 | Dry shaver  | 30/527     |   | Tsushio,<br>Toshiyuki et al.      |
| US<br>20050138817       | US-<br>PGPUB | 20050630 | Hair trimmer  | 30/233     | 30/216;<br>30/233.5                         | Yamaguchi,<br>Takashi et al.      |

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| US<br>20050134622<br>A1 | US-<br>PGPUB | 20050623 | Image processing<br>apparatus   | 347/15   |         | Yamaguchi,<br>Takashi et al. |
| US<br>20050131427<br>A1 | US-<br>PGPUB | 20050616 | Hair removing device<br>with a lotion applicator  | 606/133  |         | Saito, Atsuhiko<br>et al.    |
| US<br>20050129378<br>A1 | US-<br>PGPUB | 20050616 | Optical fiber connecting<br>tool, connector holder,<br>connector holder<br>equipped optical<br>connector, and tool<br>equipped optical<br>connector | 385/134  |         | Yamaguchi,<br>Takashi et al. |
| US<br>20050128627<br>A1 | US-<br>PGPUB | 20050616 | Magnetic disk apparatus   | 360/74.1 | 360/75  | Akagi, Kyo et<br>al.         |
| US<br>20050116029<br>A1 | US-<br>PGPUB | 20050602 | Personal authentication<br>medium issuing method  | 235/380  |         | Miki, Takeo et<br>al.        |
| US<br>20050106994<br>A1 | US-<br>PGPUB | 20050519 | Remote-controllable toy<br>and extension unit<br>thereof  | 446/454  |         | Yamaguchi,<br>Takashi        |
| US<br>20050085159<br>A1 | US-<br>PGPUB | 20050421 | Remote control toy<br>system and transmitter<br>and moving machine for<br>the same  | 446/454  |         | Yamaguchi,<br>Takashi et al. |
| US<br>20050058485<br>A1 | US-<br>PGPUB | 20050317 | Apparatus, method and<br>program for producing<br>small prints  | 400/76   |         | Horii,<br>Nobuyuki et al.    |
| US<br>20050054450<br>A1 | US-<br>PGPUB | 20050310 | Remote control toy<br>system, and controller,<br>model and accessory<br>device to be used in the<br>same  | 463/58   |         | Yamaguchi,<br>Takashi        |
| US<br>20050031475<br>A1 | US-<br>PGPUB | 20050210 | Bellows pump  | 417/472  | 417/559 | Taniguchi,<br>Fumio          |
| US<br>20050021051<br>A1 | US-<br>PGPUB | 20050127 | Hair removing device<br>with a lotion applicator  | 606/133  |         | Saitou,<br>Atsuhiko et al.   |
| US<br>20050019243<br>A1 | US-<br>PGPUB | 20050127 | Silica gel  | 423/335  | 423/338 | Katsuro,<br>Yoshio et al.    |
| US<br>20050017408       | US-<br>PGPUB | 20050127 | Insert injection molding<br>method and jig  | 264/275  | 425/468 | Mori, Takeshi<br>et al.      |

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| US<br>20050011703<br>A1 | US-<br>PGPUB | 20050120 | Oil passage switching valve having oil filter                                  | 184/6.9   |   | Yamaguchi, Takashi        |
| US<br>20050001255<br>A1 | US-<br>PGPUB | 20050106 | MIM capacitor having flat diffusion prevention films                           | 257/296   | 257/E21.011;<br>257/E27.016;<br>257/E27.048 | Yoshitomi, Takashi et al. |
| US<br>20040266486<br>A1 | US-<br>PGPUB | 20041230 | Noncontact IC card reader/writer integrated with antenna                       | 455/562.1 | 455/121                                     | Deguchi, Futoshi et al.   |
| US<br>20040249506<br>A1 | US-<br>PGPUB | 20041209 | Remote control system and moving machine thereof                               | 700/245   |   | Hayashi, Ryoji et al.     |
| US<br>20040231404<br>A1 | US-<br>PGPUB | 20041125 | Failure diagnosis apparatus for evaporative fuel processing system             | 73/118.1  | 123/520                                     | Yamaguchi, Takashi et al. |
| US<br>20040231160<br>A1 | US-<br>PGPUB | 20041125 | Dry shaver with a cradle shaving head  | 30/43.92  | 30/531                                      | Shiba, Takeshi et al.     |
| US<br>20040226353<br>A1 | US-<br>PGPUB | 20041118 | Failure diagnosis apparatus for evaporative fuel processing system             | 73/118.1  |   | Yamaguchi, Takashi et al. |
| US<br>20040215965<br>A1 | US-<br>PGPUB | 20041028 | Image processing system  | 713/176   | 235/380                                     | Tokuda, Shinya et al.     |
| US<br>20040190184<br>A1 | US-<br>PGPUB | 20040930 | Magnetic disk apparatus and servo signal recording method                      | 360/75    | 360/51                                      | Yasuna, Kei et al.        |
| US<br>20040163452<br>A1 | US-<br>PGPUB | 20040826 | Apparatus for detecting leakage in an evaporated fuel processing system        | 73/118.1  | 702/51                                      | Oki, Hideyuki et al.      |
| US<br>20040163257<br>A1 | US-<br>PGPUB | 20040826 | Dry shaver with a cradle shaving head  | 30/34.1   | 30/43.1                                     | Morisugi, Kazuhiro et al. |
| US<br>20040161375<br>A1 | US-<br>PGPUB | 20040819 | High-purity quartz powder, process for producing the same, and glass molding   | 423/338   | 423/335;<br>501/54                          | Katsuro, Yoshio et al.    |
| US<br>20040159848<br>A1 | US-<br>PGPUB | 20040819 | Nitride-based semiconductor laser device and method for the production thereof | 257/94    |   | Yamaguchi, Takashi et al. |
| US<br>20040154650<br>A1 | US-<br>PGPUB | 20040812 | Cleaning device for a hair removing apparatus                                  | 134/56R   | 134/135;<br>134/184;<br>134/186;<br>134/201 | Saito, Atsuhiko et al.    |

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| US<br>20040121131<br>A1 | US-<br>PGPUB | 20040624 | Image processing<br>method  | 428/195.1  |             | Yamaguchi,<br>Takashi et al.      |
| US<br>20040120067<br>A1 | US-<br>PGPUB | 20040624 | Servo pattern recording<br>method   | 360/75     | 360/77.02   | Sugiyama,<br>Kenichiro et al.     |
| US<br>20040115369<br>A1 | US-<br>PGPUB | 20040617 | Ink-jet recording<br>medium   | 428/32.1   |             | Yoshida,<br>Yoshio et al.         |
| US<br>20040069704<br>A1 | US-<br>PGPUB | 20040415 | Filter having holes in<br>filter section thereof  | 210/497.01 | 210/498     | Yamaguchi,<br>Takashi et al.      |
| US<br>20040039495<br>A1 | US-<br>PGPUB | 20040226 | Remote control system<br>and transmitter and drive<br>for the same                        | 701/2      |             | Yamaguchi,<br>Takashi et al.      |
| US<br>20040030472<br>A1 | US-<br>PGPUB | 20040212 | Vehicle-mounted<br>information processing<br>apparatus having<br>magnetic disk device     | 701/35     |             | Satoh, Naoki et<br>al.            |
| US<br>20040010919<br>A1 | US-<br>PGPUB | 20040122 | Electric shaver floating<br>head support structure  | 30/43.92   |             | Shiba, Takeshi<br>et al.          |
| US<br>20040001281<br>A1 | US-<br>PGPUB | 20040101 | Disk drive motor and<br>disk drive storage device<br>incorporating same                   | 360/99.08  |             | Fujita, Yuji et<br>al.            |
| US<br>20030235005<br>A1 | US-<br>PGPUB | 20031225 | Magnetic disc apparatus   | 360/99.08  |             | Amano, Yasuo<br>et al.            |
| US<br>20030234973<br>A1 | US-<br>PGPUB | 20031225 | Method and device for<br>optical fiber transmission<br>using raman<br>amplification       | 359/334    |             | Yamaguchi,<br>Takashi et al.      |
| US<br>20030227712<br>A1 | US-<br>PGPUB | 20031211 | Magnetic disk device  | 360/99.08  |             | Nakano, Asao<br>et al.            |
| US<br>20030156040<br>A1 | US-<br>PGPUB | 20030821 | Remote control system,<br>transmitter and<br>peripheral unit for the<br>use of the system | 340/825.69 |             | Yamaguchi,<br>Takashi             |
| US<br>20030139037<br>A1 | US-<br>PGPUB | 20030724 | Nitride semiconductor<br>element and production<br>method thereof                         | 438/681    | 257/E21.131 | Kobayashi,<br>Toshimasa et<br>al. |
| US<br>20030138981<br>A1 | US-<br>PGPUB | 20030724 | Nitride based<br>semiconductor laser<br>element and method for<br>fabricating the same    | 438/22     |             | Yamaguchi,<br>Takashi et al.      |

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| US<br>20030098602<br>A1 | US-<br>PGPUB | 20030529 | Tension structure of seat back   | 297/452.52 |            | Kawashima,<br>Isao et al.     |
| US<br>20030043494<br>A1 | US-<br>PGPUB | 20030306 | Magnetic disk apparatus and its servo signal recording method  | 360/75     | 360/78.04  | Yasuna, Kei et al.            |
| US<br>20030016468<br>A1 | US-<br>PGPUB | 20030123 | Magnetic disc apparatus  | 360/97.01  |            | Hayakawa,<br>Takako et al.    |
| US<br>20030016138<br>A1 | US-<br>PGPUB | 20030123 | Transmitter used for remote-control system   | 340/825.22 | 340/825.69 | Nagata,<br>Akihiko et al.     |
| US<br>20020187726<br>A1 | US-<br>PGPUB | 20021212 | Toy system   | 446/454    |            | Yamaguchi,<br>Takashi         |
| US<br>20020187725<br>A1 | US-<br>PGPUB | 20021212 | Play extension system and program for the same   | 446/454    |            | Yamaguchi,<br>Takashi et al.  |
| US<br>20020186494<br>A1 | US-<br>PGPUB | 20021212 | Magnetic disk device and servo write method  | 360/75     |            | Sugiyama,<br>Kenichiro et al. |
| US<br>20020181025<br>A1 | US-<br>PGPUB | 20021205 | Method of processing image information and method of preventing forgery of certificates or the like                  | 358/3.28   | 382/100    | Yamaguchi,<br>Takashi         |
| US<br>20020161380<br>A1 | US-<br>PGPUB | 20021031 | Hair removing device with a lotion applicator  | 606/133    |            | Saitou,<br>Atsuhiko et al.    |
| US<br>20020153528<br>A1 | US-<br>PGPUB | 20021024 | Semiconductor light emitting device and its manufacturing method   | 257/79     |            | Yamaguchi,<br>Takashi et al.  |
| US<br>20020129643<br>A1 | US-<br>PGPUB | 20020919 | Leak determining apparatus, leak determining method, and engine control unit for an evaporated fuel treatment system | 73/49.7    | 73/49.2    | Yamaguchi,<br>Takashi et al.  |
| US<br>20020126408<br>A1 | US-<br>PGPUB | 20020912 | Disk apparatus and information processing system   | 360/55     |            | Okuyama,<br>Atsushi et al.    |
| US<br>20020109606<br>A1 | US-<br>PGPUB | 20020815 | Remote control system, transmitter to be used for the same, program and storage medium for the remote control system | 340/825.69 |            | Yamaguchi,<br>Takashi         |



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| US<br>20020097529<br>A1 | US-<br>PGPUB | 20020725 | Magnetic disk apparatus   | 360/294.4   |                                  | Sato, Kazutaka<br>et al.        |
| US<br>20020085120<br>A1 | US-<br>PGPUB | 20020704 | VIDEO SIGNAL<br>PROCESSING<br>APPARATUS   | 348/558     | 348/554                          | YAMAGUCHI,<br>TAKASHI et<br>al. |
| US<br>20020073722<br>A1 | US-<br>PGPUB | 20020620 | Displacement control<br>apparatus for variable<br>displacement compressor   | 62/228.5    | 417/222.2                        | Ota, Masaki et<br>al.           |
| US<br>20020065719<br>A1 | US-<br>PGPUB | 20020530 | Advertisement<br>information delivering<br>method using<br>information providing<br>system  | 705/14      |                                  | Yamaguchi,<br>Takashi           |
| US<br>20020059252<br>A1 | US-<br>PGPUB | 20020516 | Network participation<br>type game system,<br>computer readable<br>recording medium<br>storing program of<br>system, and program to<br>be used in game system         | 707/10      | 709/223                          | Yamaguchi,<br>Takashi           |
| US<br>20020053777<br>A1 | US-<br>PGPUB | 20020509 | Rear suspension   | 280/124.135 | 280/124.1                        | Yamaguchi,<br>Takashi           |
| US<br>20020052611<br>A1 | US-<br>PGPUB | 20020502 | Hand-held epilating<br>device   | 606/133     |                                  | Inoue,<br>Tomoyuki et al.       |
| US<br>20020045097<br>A1 | US-<br>PGPUB | 20020418 | Hydrogen absorbing<br>alloy electrode,<br>manufacturing method<br>thereof, and alkaline<br>storage battery equipped<br>with the hydrogen<br>absorbing alloy electrode | 429/218.2   | 29/623.5;<br>427/123;<br>429/217 | Ikeda,<br>Yasuhiko et al.       |
| US<br>20020043958<br>A1 | US-<br>PGPUB | 20020418 | COMBINATION<br>HOLDER AND<br>BATTERY CHARGER  | 320/113     |                                  | Yamaguchi,<br>Takashi et al.    |
| US<br>20020039537<br>A1 | US-<br>PGPUB | 20020404 | Disposable mechanism<br>for taking out a fixed<br>amount of fluid and<br>system for supplying a<br>fixed amount of fluid  | 417/478     |                                  | Taniguchi,<br>Fumio             |
| US<br>20020027735<br>A1 | US-<br>PGPUB | 20020307 | Magnetic disk apparatus   | 360/60      | 360/69;<br>360/74.1;<br>360/75   | Akagi, Kyo et<br>al.            |
| US                      | US-          | 20020228 | Molding composition   | 523/513     | 524/425;                         | Yamaguchi,                      |

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| 20020025997<br>A1       | PGPUB        |          |   |           | 524/451;<br>524/493;<br>524/494                         | Takashi et al.                   |
| US<br>20020021559<br>A1 | US-<br>PGPUB | 20020221 | Portable terminal device  | 361/752   | 361/753;<br>361/816;<br>361/825;<br>361/829             | Kawano,<br>Kazumi et al.         |
| US<br>20020018743<br>A1 | US-<br>PGPUB | 20020214 | Silica gel  | 423/338   | 423/335;<br>502/233                                     | Katsuro,<br>Yoshio et al.        |
| US<br>20020018725<br>A1 | US-<br>PGPUB | 20020214 | Hollow head piston and<br>compressor having the<br>same                   | 417/269   |   | Ota, Masaki et<br>al.            |
| US<br>20020003823<br>A1 | US-<br>PGPUB | 20020110 | Semiconductor laser<br>light emitting device                              | 372/46.01 |   | Yoshida,<br>Hiroshi et al.       |
| US<br>20010049958<br>A1 | US-<br>PGPUB | 20011213 | Leakage determination<br>system for evaporative<br>fuel processing system | 73/40.5R  |   | Yamaguchi,<br>Takashi et al.     |
| US<br>20010040980<br>A1 | US-<br>PGPUB | 20011115 | Information processing<br>method  | 382/100   | 382/162   | Yamaguchi,<br>Takashi            |
| US<br>20010031658<br>A1 | US-<br>PGPUB | 20011018 | Pattern display device<br>and game machine<br>including the same          | 463/16    |   | Ozaki, Masaaki<br>et al.         |
| US<br>20010025989<br>A1 | US-<br>PGPUB | 20011004 | Semiconductor device<br>and method of<br>manufacturing the same           | 257/347   | 257/E21.704;<br>257/E27.111                             | Shibuya,<br>Katsuyoshi et<br>al. |
| US<br>20010021410<br>A1 | US-<br>PGPUB | 20010913 | Method of producing<br>cathode ray tube and<br>method of forming films    | 427/69    | 427/294   | Adachi,<br>Takumi                |
| US<br>20010020713<br>A1 | US-<br>PGPUB | 20010913 | MIM capacitor   | 257/306   | 257/E21.011;<br>257/E27.016;<br>257/E27.048             | Yoshitomi,<br>Takashi et al.     |
| US<br>20010020048<br>A1 | US-<br>PGPUB | 20010906 | Molding composition   | 522/60    | 522/104;<br>522/164;<br>522/165;<br>525/421;<br>525/447 | Yamaguchi,<br>Takashi et al.     |
| US<br>20010016614<br>A1 | US-<br>PGPUB | 20010823 | Molding composition   | 524/13    | 524/494   | Yamaguchi,<br>Takashi et al.     |
| US<br>20010015876<br>A1 | US-<br>PGPUB | 20010823 | Magnetic disc apparatus<br>and mobile information<br>device               | 360/294.3 |   | Yasuna, Kei et<br>al.            |
| US                      | US-          | 20010705 | Positioning control   | 360/78.09 | 360/78.06   | Nakagawa,                        |

|                   |       |          |   |            |                                       |                            |
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| 20010006438<br>A1 | PGPUB |          | method  |            |                                       | Shinsuke et al.            |
| US 7003208<br>B2  | USPAT | 20060221 | Optical fiber connecting tool, connector holder, connector holder equipped optical connector, and tool equipped optical connector | 385/134    | 385/147                               | Yamaguchi; Takashi et al.  |
| US 7003008<br>B2  | USPAT | 20060221 | Semiconductor laser light emitting device   | 372/44.01  | 372/43.01;<br>372/45.01;<br>372/46.01 | Yoshida; Hiroshi et al.    |
| US 6999261<br>B2  | USPAT | 20060214 | Magnetic disk device and servo write method   | 360/75     |                                       | Sugiyama; Kenichiro et al. |
| US D514745<br>S   | USPAT | 20060207 | Electric shaver   | D28/49     |                                       | Nishizawa; Tsuyoshi        |
| US D514254<br>S   | USPAT | 20060131 | Electric shaver   | D28/49     |                                       | Nishizawa; Tsuyoshi        |
| US D513541<br>S   | USPAT | 20060110 | Electric shaver   | D28/49     |                                       | Nishizawa; Tsuyoshi        |
| US D512962<br>S   | USPAT | 20051220 | Charger for an electric shaver  | D13/108    |                                       | Nishizawa; Tsuyoshi        |
| US 6970320<br>B2  | USPAT | 20051129 | Servo pattern recording method  | 360/75     | 360/77.04                             | Sugiyama; Kenichiro et al. |
| US 6970096<br>B2  | USPAT | 20051129 | Transmitter used for remote-control system  | 340/825.22 | 340/825.69                            | Nagata; Akihiko et al.     |
| US 6968813<br>B2  | USPAT | 20051129 | Electromagnetic spool valve   | 123/90.11  | 123/198F;<br>123/90.15;<br>251/129.01 | Isobe; Eiji et al.         |
| US 6966218<br>B2  | USPAT | 20051122 | Apparatus for detecting leakage in an evaporated fuel processing system   | 73/118.1   | 73/40;<br>73/40.5R                    | Oki; Hideyuki et al.       |
| US D511590<br>S   | USPAT | 20051115 | Electric shaver   | D28/49     |                                       | Nishizawa; Tsuyoshi        |
| US D511398<br>S   | USPAT | 20051108 | Electric shaver   | D28/49     |                                       | Nishizawa; Tsuyoshi        |
| US 6950742<br>B2  | USPAT | 20050927 | Failure diagnosis apparatus for evaporative fuel processing system  | 701/114    | 123/520;<br>73/118.1                  | Yamaguchi; Takashi et al.  |
| US 6950276<br>B2  | USPAT | 20050927 | Disk drive motor and disk drive storage device incorporating same   | 360/99.08  |                                       | Fujita; Yuji et al.        |
| US 6949002<br>B2  | USPAT | 20050927 | Play extension system and program for the same  | 446/454    | 340/825.69                            | Yamaguchi; Takashi et al.  |
| US 6943984        | USPAT | 20050913 | Magnetic disc apparatus   | 360/99.07  | 360/99.08                             | Amano; Yasuo               |

|               |       |          |   |            |   |                             |
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| B2            |       |          | having stator structure with reduced distortion   |            |   | et al.                      |
| US 6935029 B2 | USPAT | 20050830 | Dry shaver with a trimmer   | 30/43.92   | 30/34.1   | Morisugi; Kazuhiro et al.   |
| US 6927697 B2 | USPAT | 20050809 | Remote control system, transmitter and peripheral unit for the use of the system  | 340/825.69 | 104/301; 340/825.21                                     | Yamaguchi; Takashi          |
| US 6921673 B2 | USPAT | 20050726 | Nitride semiconductor device and method of manufacturing the same   | 438/22     | 117/95; 257/E21.131; 438/481; 438/681                   | Kobayashi; Toshimasa et al. |
| US 6913606 B2 | USPAT | 20050705 | Hair removing device with a lotion applicator   | 606/133    | 606/131   | Saitou; Atsuhiko et al.     |
| US 6910967 B2 | USPAT | 20050628 | Network participation type game system, computer readable recording medium storing program of system, and program to be used in game system | 463/42     | 345/473; 715/500.1                                      | Yamaguchi; Takashi          |
| US D506437 S  | USPAT | 20050621 | Charger   | D13/108    |   | Nishizawa; Tsuyoshi         |
| US 6906884 B2 | USPAT | 20050614 | Magnetic disk apparatus and its servo signal recording method   | 360/75     |   | Yasuna; Kei et al.          |
| US 6901862 B2 | USPAT | 20050607 | Image processing method   | 101/483    | 382/100; 382/135; 382/232                               | Yamaguchi; Takashi et al.   |
| US 6894331 B2 | USPAT | 20050517 | MIM capacitor having flat diffusion prevention films  | 257/296    | 257/303; 257/306; 257/E21.011; 257/E27.016; 257/E27.048 | Yoshitomi; Takashi et al.   |
| US 6892457 B2 | USPAT | 20050517 | Electric shaver floating head support structure   | 30/43.92   | 30/527  | Shiba; Takeshi et al.       |
| US 6888696 B2 | USPAT | 20050503 | Magnetic disk apparatus and servo signal recording method   | 360/78.04  | 360/77.02   | Yasuna; Kei et al.          |
| US 6885755 B2 | USPAT | 20050426 | Information processing method   | 382/100    | 358/515; 382/165; 382/210; 713/176                      | Yamaguchi; Takashi          |
| US 6883982 B2 | USPAT | 20050426 | Image processing system   | 400/76     | 382/100   | Tokuda; Shinya et al.       |
| US 6865203    | USPAT | 20050308 | Semiconductor laser   | 372/46.01  |   | Yoshida;                    |

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| B2               |       |          | light emitting device   |            |   | Hiroshi et al.                |
| US 6862505<br>B2 | USPAT | 20050301 | Vehicle-mounted<br>information processing<br>apparatus having<br>magnetic disk device   | 701/36     | 701/66;<br>707/205  | Satoh; Naoki et<br>al.        |
| US 6862153<br>B2 | USPAT | 20050301 | Apparatus for latching a<br>magnetic disk   | 360/69     |   | Akagi; Kyo et<br>al.          |
| US D500890<br>S  | USPAT | 20050111 | Electrical hair clipper   | D28/53     |   | Muramatsu;<br>Etsushi         |
| US 6838703<br>B2 | USPAT | 20050104 | Nitride-based<br>semiconductor laser<br>device and method for<br>the production thereof   | 257/94     | 257/103;<br>257/95;<br>257/99   | Yamaguchi;<br>Takashi et al.  |
| US 6838068<br>B2 | USPAT | 20050104 | Silica gel  | 423/338    |   | Katsuro;<br>Yoshio et al.     |
| US D499844<br>S  | USPAT | 20041214 | Electric hair clipper   | D28/53     |   | Muramatsu;<br>Etsushi         |
| US 6824571<br>B2 | USPAT | 20041130 | Hydrogen absorbing<br>alloy electrode,<br>manufacturing method<br>thereof, and alkaline<br>storage battery equipped<br>with the hydrogen<br>absorbing alloy electrode | 29/623.5   | 29/623.1;<br>427/115;<br>429/168;<br>429/169;<br>429/206;<br>429/218.2              | Ikeda;<br>Yasuhiko et al.     |
| US 6824463<br>B1 | USPAT | 20041130 | Number drawing<br>apparatus and game<br>machine therewith   | 463/17     | 273/142R  | Yamaguchi;<br>Takashi et al.  |
| US 6819259<br>B2 | USPAT | 20041116 | Remote control system<br>and timing method for<br>operation thereof   | 340/825.69 | 340/10.2;<br>340/3.21;<br>340/825.72;<br>370/345;<br>370/347;<br>370/348;<br>463/39 | Yamaguchi;<br>Takashi         |
| US 6784010<br>B2 | USPAT | 20040831 | Nitride-based<br>semiconductor laser<br>device and method for<br>the production thereof   | 438/39     | 438/46  | Yamaguchi;<br>Takashi et al.  |
| US D494318<br>S  | USPAT | 20040810 | Hair dryer  | D28/13     |   | Nishizawa;<br>Tsuyoshi et al. |
| US 6767971<br>B1 | USPAT | 20040727 | Molding composition   | 525/444    | 523/500;<br>525/44  | Yamaguchi;<br>Takashi et al.  |
| US 6761058<br>B2 | USPAT | 20040713 | Leakage determination<br>system for evaporative<br>fuel processing system   | 73/40.5R   | 73/49.7   | Yamaguchi;<br>Takashi et al.  |
| US 6755476       | USPAT | 20040629 | Tension structure of seat   | 297/452.52 | 297/284.4   | Kawashima;                    |

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| B2               |       |          | back   |             |   | Isao et al.                   |
| US 6744591<br>B2 | USPAT | 20040601 | Positioning control method   | 360/78.09   | 360/78.06;<br>360/78.08                       | Nakagawa;<br>Shinsuke et al.  |
| US D489183<br>S  | USPAT | 20040504 | Electronic toothbrush body   | D4/101      |   | Akahori;<br>Yasuhiro et al.   |
| US 6724921<br>B2 | USPAT | 20040420 | Method of processing image information and method of preventing forgery of certificates or the like                  | 382/118     | 358/3.28                                      | Yamaguchi;<br>Takashi         |
| US 6710106<br>B2 | USPAT | 20040323 | Molding composition  | 523/513     | 523/500;<br>525/430;<br>525/449               | Yamaguchi;<br>Takashi et al.  |
| US 6702308<br>B2 | USPAT | 20040309 | Rear suspension  | 280/124.166 | 280/124.11;<br>280/124.116                    | Yamaguchi;<br>Takashi         |
| US 6701777<br>B2 | USPAT | 20040309 | Leak determining apparatus, leak determining method, and engine control unit for an evaporated fuel treatment system | 73/49.7     | 73/118.1;<br>73/40;<br>73/40.5R               | Yamaguchi;<br>Takashi et al.  |
| US 6687072<br>B2 | USPAT | 20040203 | Disk apparatus and information processing system discriminative plural external electronic appliances                | 360/55      | 360/46;<br>360/69                             | Okuyama;<br>Atsushi et al.    |
| US 6669704<br>B2 | USPAT | 20031230 | Hand-held epilating device   | 606/133     |   | Inoue;<br>Tomoyuki et al.     |
| US 6653435<br>B1 | USPAT | 20031125 | Nonlinear crystalline polyester  | 528/296     | 430/109.4;<br>528/302;<br>528/303;<br>528/306 | Aoki;<br>Katsutoshi et al.    |
| US D481491<br>S  | USPAT | 20031028 | Electric razor   | D28/49      |   | Nishizawa;<br>Tsuyoshi et al. |
| US 6636638<br>B1 | USPAT | 20031021 | Equipment control method and equipment control system  | 382/232     | 382/166                                       | Yamaguchi;<br>Takashi         |
| US 6636385<br>B2 | USPAT | 20031021 | Magnetic disc apparatus having actuator for head positioning mechanism   | 360/264.5   | 360/294.3                                     | Yasuna; Kei et al.            |
| US 6631276<br>B1 | USPAT | 20031007 | Base unit of radio terminal  | 455/561     | 455/347;<br>455/550.1;<br>455/575.1           | Yamaguchi;<br>Takashi et al.  |
| US 6623257<br>B2 | USPAT | 20030923 | Disposable mechanism for taking out a fixed amount of fluid and  | 417/478     | 222/1;<br>222/137;<br>222/212                 | Taniguchi;<br>Fumio           |

|               |       |          |   |           |  |                               |
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|               |       |          | system for supplying a fixed amount of fluid                        |           |  |                               |
| US 6620641 B2 | USPAT | 20030916 | Semiconductor light emitting device and its manufacturing method    | 438/22    | 438/24;<br>438/46;<br>438/47;<br>438/604;<br>438/634;<br>438/740   | Yamaguchi;<br>Takashi et al.  |
| US D479360 S  | USPAT | 20030902 | Electric razor  | D28/49    |  | Nishizawa;<br>Tsuyoshi et al. |
| US D479359 S  | USPAT | 20030902 | Electronic shaver   | D28/49    |  | Maesawa;<br>Naoki et al.      |
| US 6594107 B2 | USPAT | 20030715 | Magnetic disc apparatus having wiring on the outer bottom           | 360/97.01 |  | Hayakawa;<br>Takako et al.    |
| US D477113 S  | USPAT | 20030708 | Electric shaver   | D28/51    |  | Muramatsu;<br>Etsushi et al.  |
| US 6587223 B1 | USPAT | 20030701 | Color signal conversion by means of the fewest converter tables     | 358/1.9   | 358/525  | Yamaguchi;<br>Takashi         |
| US 6577349 B1 | USPAT | 20030610 | Receiver  | 348/556   | 348/441;<br>348/555;<br>348/706                                    | Yamaguchi;<br>Takashi et al.  |
| US 6570772 B2 | USPAT | 20030527 | Portable terminal device  | 361/752   | 174/35R;<br>174/51;<br>361/796;<br>361/797;<br>361/800;<br>361/816 | Kawano;<br>Kazumi et al.      |
| US 6568083 B1 | USPAT | 20030527 | Dry shaver with a height adjustable cutter head                     | 30/43.2   | 30/43.1;<br>30/43.6;<br>30/43.92                                   | Taniguchi;<br>Fumio et al.    |
| US 6552878 B2 | USPAT | 20030422 | Magnetic disk apparatus   | 360/294.4 |  | Sato; Kazutaka et al.         |
| US D472191 S  | USPAT | 20030325 | Bumper of motor vehicle   | D12/169   |  | Yamaguchi;<br>Takashi et al.  |
| US D471671 S  | USPAT | 20030311 | Electric shaver   | D28/51    |  | Nishizawa;<br>Tsuyoshi        |
| US 6510699 B2 | USPAT | 20030128 | Displacement control apparatus for variable displacement compressor | 62/133    | 236/79;<br>417/222.2   | Ota; Masaki et al.            |
| US 6499621 B1 | USPAT | 20021231 | Sealing container and method for sealing device in the same         | 220/612   | 220/4.02;<br>220/613;<br>220/DIG.13                                | Yamaguchi;<br>Takashi et al.  |
| US 6483659 B1 | USPAT | 20021119 | Disk drives   | 360/78.04 | 360/78.05  | Kobayashi;<br>Masahito et al. |

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| US 6441860<br>B1 | USPAT | 20020827 | Video signal processing apparatus  | 348/555 | 348/721   | Yamaguchi;<br>Takashi et al. |
| US 6438251<br>B1 | USPAT | 20020820 | Method of processing image information and method of preventing forgery of certificates or the like                          | 382/100 | 380/252   | Yamaguchi;<br>Takashi        |
| US 6428840<br>B2 | USPAT | 20020806 | Method of producing cathode ray tube and method of forming films   | 427/69  | 313/386;<br>427/248.1;<br>427/250;<br>427/255.15;<br>427/255.7;<br>427/64 | Adachi;<br>Takumi            |
| US 6417645<br>B1 | USPAT | 20020709 | Combination holder and battery charger   | 320/115 |   | Yamaguchi;<br>Takashi et al. |
| US 6407876<br>B1 | USPAT | 20020618 | Magnetic disk apparatus having an accelerometer for detecting acceleration in the positioning direction of the magnetic head | 360/75  | 360/77.02;<br>360/78.04;<br>360/78.06                                     | Yamaguchi;<br>Takashi et al. |
| US 6363919<br>B1 | USPAT | 20020402 | Evaporated fuel treatment apparatus for internal combustion engine   | 123/520 | 123/198D  | Isobe; Takashi<br>et al.     |
| US 6354143<br>B1 | USPAT | 20020312 | Evaporated fuel treatment apparatus for internal combustion engine   | 73/49.7 | 73/118.1  | Isobe; Takashi<br>et al.     |
| US D453329<br>S  | USPAT | 20020205 | Antenna for position detection   | D14/230 |   | Muramatsu;<br>Etsushi        |
| US 6339115<br>B1 | USPAT | 20020115 | Molding composition  | 523/513 | 523/500;<br>523/527;<br>525/421;<br>525/46                                | Aoki;<br>Katsutoshi et al.   |
| US 6336446<br>B1 | USPAT | 20020108 | Evaporated fuel treatment apparatus for internal combustion engine   | 123/520 | 123/198D  | Isobe; Takashi<br>et al.     |
| US 6335845<br>B1 | USPAT | 20020101 | Magnetic disk apparatus having an accelerometer for detecting acceleration in the positioning direction of the magnetic head | 360/75  | 360/77.02;<br>360/78.04   | Yamaguchi;<br>Takashi et al. |
| US 6300387       | USPAT | 20011009 | Molding composition  | 522/60  | 522/104;  | Yamaguchi;                   |



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| B1               |       |          |   |           | 524/401;<br>524/450;<br>524/498;<br>525/391;<br>525/397;<br>525/425;<br>525/540 | Takashi et al.              |
| US 6282006<br>B1 | USPAT | 20010828 | Optical communications apparatus and method                               | 398/136   | 385/124;<br>385/31;<br>385/36;<br>398/164;<br>398/9                             | Tamada;<br>Hitoshi et al.   |
| US 6276344<br>B1 | USPAT | 20010821 | Evaporated fuel leak detection apparatus                                  | 123/520   | 123/519   | Isobe; Takashi et al.       |
| US D446252<br>S  | USPAT | 20010807 | Gaming machine cabinet  | D21/325   |   | Yamaguchi;<br>Takashi       |
| US 6264777<br>B1 | USPAT | 20010724 | Laminated composite electronic device and a manufacturing method thereof  | 156/89.12 | 156/89.16;<br>428/212;<br>428/699   | Yamaguchi;<br>Takashi       |
| US 6224484<br>B1 | USPAT | 20010501 | Progressive gaming system   | 463/27    | 463/17;<br>463/20   | Okuda; Yoichi et al.        |
| US 6224249<br>B1 | USPAT | 20010501 | Compound design system and method for mechanism parts                     | 703/1     | 700/161;<br>700/171;<br>700/182;<br>700/97;<br>707/104.1;<br>715/502            | Ozawa; Hiroshi et al.       |
| US 6223732<br>B1 | USPAT | 20010501 | Evaporated fuel treatment apparatus for internal combustion engine        | 123/520   |   | Isobe; Takashi et al.       |
| US 6213102<br>B1 | USPAT | 20010410 | Evaporated fuel treatment device  | 123/520   |   | Isobe; Takashi et al.       |
| US D439931<br>S  | USPAT | 20010403 | Game machine  | D21/369   | D21/325   | Yamaguchi;<br>Takashi       |
| US D439282<br>S  | USPAT | 20010320 | Game machine  | D21/329   |   | Yamaguchi;<br>Takashi       |
| US 6196236<br>B1 | USPAT | 20010306 | Ultrasonic hair curling device  | 132/226   | 132/223;<br>132/245;<br>219/222   | Imai; Takeshi et al.        |
| US 6187473<br>B1 | USPAT | 20010213 | Cylindrical alkaline storage battery and manufacturing method of the same | 429/164   | 429/161;<br>429/206;<br>429/211;<br>429/241;<br>429/242;                        | Tamezane;<br>Shigeto et al. |

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|                 |       |          |  |            | 429/244;<br>429/94   |                               |
| US 6166839<br>A | USPAT | 20001226 | Optical transmitting apparatus, optical receiving apparatus, and optical transmitting-receiving system | 398/194    | 398/1;<br>398/154;<br>398/158;<br>398/185;<br>398/208  | Yamaguchi;<br>Takashi         |
| US 6158974<br>A | USPAT | 20001212 | Reciprocating compressor   | 417/269    |  | Tarutani;<br>Tomoji et al.    |
| US 6151674<br>A | USPAT | 20001121 | Network computer, and boot method applied to network computer  | 713/2      | 709/222  | Takatani;<br>Masahiro         |
| US 6125545<br>A | USPAT | 20001003 | Hair cutter  | 30/233.5   |  | Yamaguchi;<br>Naoki et al.    |
| US 6124220<br>A | USPAT | 20000926 | Laminated board and process for production thereof   | 442/175    | 428/206;<br>428/207;<br>428/209;<br>428/221;<br>428/301.4;<br>428/34.5;<br>428/34.6;<br>428/34.7;<br>428/901;<br>442/180;<br>442/275;<br>442/278;<br>442/281;<br>442/284;<br>442/295;<br>442/391;<br>442/393;<br>442/412 | Nakata;<br>Takahiro et al.    |
| US 6110852<br>A | USPAT | 20000829 | Process for producing synthetic quartz glass powder  | 501/54     | 423/325;<br>423/338;<br>501/12   | Katsuro;<br>Yoshio et al.     |
| US D428978<br>S | USPAT | 20000801 | Compressor for a vehicle air conditioner   | D23/325    | D23/354  | Ito; Koichi et al.            |
| US 6089535<br>A | USPAT | 20000718 | Throttle valve control device  | 251/129.04 | 123/361;<br>123/399  | Mizutani;<br>Koichi et al.    |
| US 6080468<br>A | USPAT | 20000627 | Laminated composite electronic device and a manufacturing method thereof                               | 428/212    | 428/699;<br>428/701;<br>428/702  | Yamaguchi;<br>Takashi         |
| US 6080061<br>A | USPAT | 20000627 | Game machine for randomly selected information comparison  | 463/16     | 273/144R   | Watanabe;<br>Katsuhiko et al. |

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|              |       |          | with sets of selected, randomly selected and correlated information                        |           |                                    |                            |
| US 6071644 A | USPAT | 20000606 | Metal hydride storage cell and method of producing hydrogen absorbing alloy electrode      | 429/218.2 | 29/623.5; 420/900                  | Ikemachi; Takaaki et al.   |
| US D425241 S | USPAT | 20000516 | Handheld electric face cleaner   | D28/9     |                                    | Nishizawa; Tsuyoshi et al. |
| US D425199 S | USPAT | 20000516 | Electric depilator   | D24/133   | D28/10                             | Muramatsu; Etsushi         |
| US 6060976 A | USPAT | 20000509 | Plane transformer  | 336/200   | 336/223; 336/232; 336/233; 336/83  | Yamaguchi; Takashi et al.  |
| US D421068 S | USPAT | 20000222 | Racing game machine  | D21/320   |                                    | Yamaguchi; Takashi         |
| US 6029234 A | USPAT | 20000222 | Output synchronization method and apparatus in a memory system utilizing small buffer size | 711/167   | 711/100; 711/154                   | Yamaguchi; Takashi         |
| US 6019369 A | USPAT | 20000201 | Competitive game simulation machine  | 273/246   | 463/25; 463/6                      | Nakagawa; Toshiaki et al.  |
| US D417266 S | USPAT | 19991130 | Compressor for a vehicle air conditioner   | D23/325   | D23/354                            | Ito; Koichi et al.         |
| US 5986845 A | USPAT | 19991116 | Apparatus for positioning magnetic head and method of the same                             | 360/75    | 360/60; 360/78.04                  | Yamaguchi; Takashi et al.  |
| US 5986716 A | USPAT | 19991116 | Television receiver and signal processing apparatus  | 348/553   | 348/571; 348/725                   | Sokawa; Kenta et al.       |
| US 5982449 A | USPAT | 19991109 | Television receiver that provides gradation correction using a CPU                         | 348/553   | 348/552; 348/555; 348/671; 348/672 | Nagai; Miho et al.         |
| US D415211 S | USPAT | 19991012 | Game machine   | D21/327   |                                    | Yamaguchi; Takashi         |
| US 5953178 A | USPAT | 19990914 | Magnetic disk apparatus  | 360/77.02 | 360/77.07; 360/78.04               | Takatsuka; Akio et al.     |
| US 5940563 A | USPAT | 19990817 | Receptacle optical module  | 385/92    |                                    | Kobayashi; Kazuhiko et al. |
| US 5936792 A | USPAT | 19990810 | Positioning adaptive control method and positioning device as                              | 360/78.07 | 360/77.01; 360/78.04               | Kobayashi; Masahito et al. |

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|--------------|-------|----------|--|------------|---|----------------------------|
|              |       |          | well as information storage device   |            |   |                            |
| US 5917976 A | USPAT | 19990629 | Optical transmission path coupling method and optical transmission path coupling apparatus as well as optical axis self-alignment tool | 385/88     |   | Yamaguchi; Takashi         |
| US 5868677 A | USPAT | 19990209 | Bioinstrumentation device for measuring a biological parameter   | 600/481    | 600/488; 600/529  | Iwanaga; Kusuo et al.      |
| US 5857910 A | USPAT | 19990112 | Game machine using object pieces suspended in liquid   | 463/17     | 273/138.2; 273/138.5; 273/144B; 273/144R; 273/457; 463/19; 463/46 | Watanabe; Katsuhiko et al. |
| US 5840208 A | USPAT | 19981124 | Liquid crystal composition and liquid crystal display element  | 252/299.63 | 252/299.61; 252/299.62; 252/299.66                                | Yamaguchi; Takashi et al.  |
| US 5826566 A | USPAT | 19981027 | Evaporative fuel-processing system for internal combustion engines   | 123/520    |   | Isobe; Takashi et al.      |
| US 5820355 A | USPAT | 19981013 | Swash plate type compressor  | 417/269    | 92/71   | Ikeda; Hayato et al.       |
| US 5813314 A | USPAT | 19980929 | Double-headed swash-plate operated reciprocating piston type compressor with improved thrust bearing assemblies for the swash plate    | 92/71      | 417/269; 74/60  | Michiyuki; Hiromi et al.   |
| US 5802954 A | USPAT | 19980908 | Reciprocating piston compressor  | 92/71      | 411/176   | Ikeda; Hayato et al.       |
| US 5777644 A | USPAT | 19980707 | Ink jet recording apparatus and recording method for using ink walls in discharging ink  | 347/68     | 347/44; 347/47  | Yamaguchi; Takashi et al.  |
| US 5768974 A | USPAT | 19980623 | Swash plate type compressor  | 92/71      | 384/125; 384/220; 417/269; 74/60                                  | Ikeda; Hayato et al.       |
| US 5763687 A | USPAT | 19980609 | Preparation process for aromatic mononitro   | 568/927    | 568/924; 568/928  | Morisaki; Jyoji et al.     |

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|                 |       |          | compounds  |            |   |                               |
| US 5760122<br>A | USPAT | 19980602 | Matte paint film, and<br>matte paint composition   | 524/493    | 524/492;<br>524/494                               | Susa; Daisuke<br>et al.       |
| US 5750304<br>A | USPAT | 19980512 | Encapsulated toner for<br>heat-and-pressure fixing<br>and method for<br>producing the same                           |            | 430/138   | Yamaguchi;<br>Takashi et al.  |
| US 5741181<br>A | USPAT | 19980421 | Course guide apparatus<br>used for a competitive<br>game simulation<br>machine                                       | 463/6      | 273/237;<br>273/246                               | Nakagawa;<br>Toshiaki et al.  |
| US 5738352<br>A | USPAT | 19980414 | Game machine controller  | 273/148B   | 345/156;<br>463/37;<br>463/38;<br>463/46          | Ohkubo;<br>Yuuichi et al.     |
| US 5734414<br>A | USPAT | 19980331 | Camera apparatus for<br>electronic conference  | 348/14.05  | 348/373   | Nishimura;<br>Hiroyuki et al. |
| US 5727511<br>A | USPAT | 19980317 | Cylinder liner and<br>cylinder block and<br>method for producing<br>the cylinder liner and the<br>cylinder block     | 123/193.2  |   | Omura;<br>Hiroyuki et al.     |
| US D388835<br>S | USPAT | 19980106 | Operating apparatus for<br>a racing game machine   | D21/327    |   | Yamaguchi;<br>Takashi         |
| US D383185<br>S | USPAT | 19970902 | Amusement game<br>machine  | D21/325    |   | Yamaguchi;<br>Takashi et al.  |
| US 5644970<br>A | USPAT | 19970708 | Bearing arrangement in<br>swash plate type<br>compressor with double<br>headed pistons                               | 92/71      | 417/269;<br>74/60                                 | Michiyuki;<br>Hiromi et al.   |
| US 5642315<br>A | USPAT | 19970624 | Static type of<br>semiconductor memory<br>device having great low<br>voltage operation margin                        | 365/189.09 | 365/189.11;<br>365/203;<br>365/204;<br>365/230.06 | Yamaguchi;<br>Takashi         |
| US 5624117<br>A | USPAT | 19970429 | Game machine controller  | 273/148B   | 345/156;<br>463/37;<br>463/38;<br>463/46          | Ohkubo;<br>Yuuichi et al.     |
| US 5597998<br>A | USPAT | 19970128 | Recording medium using<br>reversible recording<br>material and method of<br>processing record to<br>recording medium | 235/487    | 235/386;<br>503/201;<br>503/204                   | Ohno;<br>Tadayoshi et al.     |
| US 5596920<br>A | USPAT | 19970128 | Swash plate type<br>compressor   | 92/71      | 417/269;<br>74/60                                 | Umemura;<br>Satoshi et al.    |
| US 5576324      | USPAT | 19961119 | Quinoline derivatives or   | 514/291    | 546/89;   | Kyotani;                      |

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| A               |       |          | salt thereof and remedy for cardiac diseases containing the same   |            | 546/90  | Yoshinori et al.             |
| US 5571652<br>A | USPAT | 19961105 | Encapsulated toner for heat-and-pressure fixing and method for producing the same                            | 430/110.2  | 430/109.4;<br>430/137.15;<br>430/138;<br>430/904          | Asano; Tetsuya et al.        |
| US 5570124<br>A | USPAT | 19961029 | Portable storage medium and apparatus for processing the same  | 347/221    | 347/262;<br>347/264                                       | Ohno;<br>Tadayoshi et al.    |
| US 5567567<br>A | USPAT | 19961022 | Method for producing encapsulated toner for heat-and-pressure fixing and encapsulated toner obtained thereby | 430/110.2  |   | Akiyama; Koji et al.         |
| US 5559314<br>A | USPAT | 19960924 | Recording medium using reversible recording material and method of processing record to recording medium     | 235/432    | 235/487   | Ohno;<br>Tadayoshi et al.    |
| US 5555010<br>A | USPAT | 19960910 | Rewritable recording apparatus   | 347/211    |   | Ohno;<br>Tadayoshi et al.    |
| US D373419<br>S | USPAT | 19960903 | Sphygmomanometer   | D24/165    |   | Muramatsu;<br>Etsushi et al. |
| US 5546117<br>A | USPAT | 19960813 | Portable storage medium and apparatus for processing the same  | 347/224    | 347/171;<br>347/221                                       | Ohno;<br>Tadayoshi et al.    |
| US 5536612<br>A | USPAT | 19960716 | Encapsulated toner for heat-and-pressure fixing and method for production thereof                            | 430/137.12 | 430/110.2;<br>523/201                                     | Yamaguchi;<br>Takashi et al. |
| US 5526173<br>A | USPAT | 19960611 | Method of local domain control on nonlinear optical materials  | 359/328    | 385/122   | Yamaguchi;<br>Takashi et al. |
| US 5515313<br>A | USPAT | 19960507 | Static-type semiconductor memory device  | 365/156    | 257/537;<br>257/538;<br>257/E27.1;<br>365/148;<br>365/154 | Yamaguchi;<br>Takashi        |
| US 5510366<br>A | USPAT | 19960423 | Indole derivatives, salts thereof, and congestive heart failure therapeutic agents comprising the same       | 514/411    | 548/430;<br>548/431                                       | Kyotani;<br>Yoshinori et al. |
| US 5498860<br>A | USPAT | 19960312 | Portable storage medium and processing apparatus   | 235/384    | 235/487   | Ohno;<br>Tadayoshi et al.    |

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|                 |       |          | therefor   |           |                                       |                               |
| US 5490328<br>A | USPAT | 19960213 | Dry shaver   | 30/43.92  | 30/43.91                              | Ueda; Yasunori<br>et al.      |
| US 5453765<br>A | USPAT | 19950926 | Thermally reversible<br>printing system with<br>ambient temperature<br>compensation  | 347/179   | 346/135.1;<br>347/211;<br>347/224     | Yamaguchi;<br>Takashi et al.  |
| US 5441476<br>A | USPAT | 19950815 | Body temperature<br>regulation system  | 600/26    | 600/21;<br>600/549                    | Kitado; Masako<br>et al.      |
| US 5436643<br>A | USPAT | 19950725 | Method and apparatus of<br>recording images on<br>recording medium<br>capable of repetitive<br>recordings, using various<br>recording energies | 347/179   | 346/135.1                             | Yamaguchi;<br>Takashi et al.  |
| US 5430467<br>A | USPAT | 19950704 | Thermal recording<br>system  | 347/171   | 346/135.1;<br>347/224                 | Yamaguchi;<br>Takashi et al.  |
| US 5430277<br>A | USPAT | 19950704 | Image recording<br>medium, a processing<br>apparatus thereof, and an<br>entrance/exit control<br>system using the image<br>recording medium    | 235/382   | 235/487;<br>283/901                   | Ohno;<br>Tadayoshi et al.     |
| US 5424764<br>A | USPAT | 19950613 | Thermal recording<br>apparatus for recording<br>and erasing an image on<br>and from a recording<br>medium                                      | 347/179   | 346/135.1                             | Yamaguchi;<br>Takashi et al.  |
| US 5406107<br>A | USPAT | 19950411 | Static semiconductor<br>memory device having<br>capacitors for increased<br>soft error immunity  | 257/393   | 257/904;<br>257/E27.1;<br>365/156     | Yamaguchi;<br>Takashi         |
| US 5404255<br>A | USPAT | 19950404 | Disk apparatus and its<br>control method   | 360/78.09 | 360/77.04;<br>360/78.05;<br>360/78.07 | Kobayashi;<br>Masahito et al. |
| US 5391872<br>A | USPAT | 19950221 | Image recording<br>apparatus using<br>repeatedly usable<br>recording medium  | 250/316.1 | 346/76.1                              | Itoh; Shinichi et<br>al.      |
| US 5362144<br>A | USPAT | 19941108 | System for moving a<br>television set mounted<br>on a motor vehicle  | 312/319.6 | 312/223.1;<br>312/7.2                 | Shioya;<br>Yuichiro et al.    |
| US 5353069<br>A | USPAT | 19941004 | Transmitted television<br>signal waveform<br>equalizing system   | 348/611   | 348/614                               | Kobo; Kazuo et<br>al.         |
| US 5301078      | USPAT | 19940405 | Magnetic disk unit and   | 360/265.7 |                                       | Makino;                       |

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| A               |       |          | manufacturing method of carriage structure thereof   |           |  | Toshiaki et al.                |
| US 5297088<br>A | USPAT | 19940322 | Random access memory device with redundant row decoder for controlling a plurality of redundant word lines | 365/200   | 365/230.06;<br>714/711   | Yamaguchi;<br>Takashi          |
| US 5297078<br>A | USPAT | 19940322 | Static semiconductor memory device for stable operation  | 365/149   | 365/189.11;<br>365/204;<br>365/230.06  | Yamaguchi;<br>Takashi          |
| US D344156<br>S | USPAT | 19940208 | Electric shaver  | D28/50    |  | Muramatsu;<br>Etsushi et al.   |
| US 5285418<br>A | USPAT | 19940208 | Semiconductor device having a temperature detection circuit  | 365/201   | 365/211;<br>365/212  | Yamaguchi;<br>Takashi          |
| US D341003<br>S | USPAT | 19931102 | Combined electric shaver and cap therefor  | D28/49    |  | Muramatsu;<br>Etsushi et al.   |
| US D340540<br>S | USPAT | 19931019 | Electric shaver  | D28/49    |  | Nakashima;<br>Yoshiyuki et al. |
| US 5248415<br>A | USPAT | 19930928 | High speed upward flow filtration apparatus  | 210/154   | 210/275;<br>210/351;<br>210/411;<br>210/496  | Masuda;<br>Katsuhide et al.    |
| US 5235345<br>A | USPAT | 19930810 | Image recording apparatus for thermally recording images on a thermal-sensitive medium                     | 347/211   |  | Ohno;<br>Tadayoshi et al.      |
| US D337857<br>S | USPAT | 19930727 | Electric shaver  | D28/49    | D28/51   | Nakashima;<br>Yoshiyuki et al. |
| US 5208044<br>A | USPAT | 19930504 | Vulcanizing mold   | 425/32    | 425/46;<br>425/55  | Miyata; Mitsuki<br>et al.      |
| US 5191512<br>A | USPAT | 19930302 | Heat sink/circuit board assembly   | 361/720   | 257/E23.084  | Ogura; Shinichi<br>et al.      |
| US D332143<br>S | USPAT | 19921229 | Electric massager  | D24/215   |  | Mochida; Taro<br>et al.        |
| US 5167610<br>A | USPAT | 19921201 | Sleep inducing system  | 600/26    | 128/905  | Kitado; Masako<br>et al.       |
| US 5164931<br>A | USPAT | 19921117 | Method and apparatus for control of positioning  | 369/44.29 | 318/592;<br>360/78.05;<br>360/78.06;<br>360/78.09;<br>369/30.17;<br>369/43;<br>369/44.35 | Yamaguchi;<br>Takashi et al.   |
| US 5145538      | USPAT | 19920908 | Manufacturing Processes  | 156/69    | 156/242;   | Yamaguchi;                     |



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| A               |       |          | for integrated article bearing indicia                                  |            | 156/286;<br>156/87;<br>264/102;<br>264/261;<br>40/616;<br>40/630                   | Takashi                   |
| US 5138450<br>A | USPAT | 19920811 | High density character and/or figure displaying apparatus               | 348/564    |  | Fukuda; Shin et al.       |
| US 5104581<br>A | USPAT | 19920414 | Tray for integrated circuit   | 252/511    | 252/506;<br>252/508;<br>252/509;<br>252/519.33;<br>523/457;<br>523/459;<br>523/468 | Ito; Toshihiro et al.     |
| US 5099328<br>A | USPAT | 19920324 | Ghost canceller   | 348/614    | 348/607  | Kobo; Kazuo et al.        |
| US 5086231<br>A | USPAT | 19920204 | Microfilm retrieval system for retrieving a designated image frame      | 250/557    | 250/570;<br>353/26A  | Watanabe; Izumi et al.    |
| US 5066057<br>A | USPAT | 19911119 | Bumper structure  | 293/121    | 293/136;<br>293/155  | Furuta; Katsumi et al.    |
| US 5033443<br>A | USPAT | 19910723 | Pilot injection device for fuel injection pump                          | 123/506    | 123/300;<br>123/516  | Kato; Akira et al.        |
| US 5011556<br>A | USPAT | 19910430 | Process for the production of polyvinylidene fluoride laminated product | 156/83     | 156/307.3;<br>156/309.3;<br>156/327;<br>428/421                                    | Yamaguchi; Takashi et al. |
| US 4976918<br>A | USPAT | 19901211 | Aluminum die-casting alloys   | 420/546    | 148/415;<br>420/547  | Nishi; Naomi et al.       |
| US 4939051<br>A | USPAT | 19900703 | Grid for use in lead acid batteries and process for producing same      | 429/245    | 29/2   | Yasuda; Hiroshi et al.    |
| US 4925510<br>A | USPAT | 19900515 | Metal parts joint structure and method for producing the same           | 156/92     | 156/153;<br>156/276;<br>156/330;<br>428/328;<br>523/442;<br>523/459                | Hojo; Nobuyoshi et al.    |
| US 4908794<br>A | USPAT | 19900313 | Semiconductor memory device with improved output circuit                | 365/189.08 | 326/17;<br>326/89;<br>326/90;<br>365/189.05;<br>365/207;<br>365/208                | Yamaguchi; Takashi        |

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| US 4904256<br>A | USPAT | 19900227 | Magnetic artificial anus having sphincter function   | 623/14.13  | 128/DIG.25   | Yamaguchi; Takashi          |
| US 4897373<br>A | USPAT | 19900130 | Dielectric ceramic composition   | 501/134    | 501/136  | Inoue; Yoshihito et al.     |
| US 4854064<br>A | USPAT | 19890808 | Integrated article bearing indicia and manufacturing processes therefor  | 40/630     | 40/626;<br>40/661;<br>428/13;<br>428/14  | Yamaguchi; Takashi          |
| US 4853896<br>A | USPAT | 19890801 | Write driver circuit of semiconductor memory device  | 365/189.02 | 365/189.08;<br>365/230.03;<br>365/230.06   | Yamaguchi; Takashi          |
| US 4847048<br>A | USPAT | 19890711 | Aluminum die-casting alloys  | 420/547    | 420/532;<br>420/533;<br>420/534;<br>420/535;<br>420/541;<br>420/543;<br>420/544;<br>420/546            | Nishi; Naomi et al.         |
| US 4843046<br>A | USPAT | 19890627 | Ceramic composition of high dielectric constant comprising PbO.sub.3, La.sub.2 O.sub.3, MO, ZrO.sub.2 and TiO.sub.2        | 501/120    | 501/138;<br>501/139  | Yamaguchi; Takashi et al.   |
| US 4837342<br>A | USPAT | 19890606 | Prostacyclin analogue, and blood circulation improving agent and anti-ulcer composition containing it as active ingredient | 549/422    | 556/441;<br>560/121;<br>560/55;<br>562/471;<br>562/472;<br>562/503;<br>564/172;<br>564/188;<br>564/189 | Shibasaki; Masakatsu et al. |
| US 4825110<br>A | USPAT | 19890425 | Differential amplifier circuit   | 330/253    | 327/52;<br>365/205;<br>365/207   | Yamaguchi; Takashi et al.   |
| US 4805277<br>A | USPAT | 19890221 | Process for producing a grid for use in lead acid batteries  | 29/2       | 429/242;<br>429/245  | Yasuda; Hiroshi et al.      |
| US 4786267<br>A | USPAT | 19881122 | Spark plug   | 445/7      | 228/110.1  | Toya; Akihiro et al.        |
| US 4747952<br>A | USPAT | 19880531 | Method and apparatus for plasma treatment  | 210/650    | 210/104;<br>210/110;<br>210/257.2;<br>210/259;   | Nakano; Akiyoshi et al.     |

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|                 |       |          |  |            | 210/295;<br>210/321.65;<br>210/434;<br>210/744;<br>210/782;<br>210/805 |                              |
| US 4743793<br>A | USPAT | 19880510 | Spark plug   | 313/141    | 313/144  | Toya; Akihiro<br>et al.      |
| US 4733112<br>A | USPAT | 19880322 | Sense amplifier for a<br>semiconductor memory<br>device                                    | 327/52     | 327/208;<br>365/196;<br>365/205  | Yamaguchi;<br>Takashi        |
| US 4716134<br>A | USPAT | 19871229 | Dielectric ceramic<br>composition  | 501/136    | 501/135  | Yamaguchi;<br>Takashi et al. |
| US 4705099<br>A | USPAT | 19871110 | Quick freeze<br>cooling/heating unit<br>powered by automotive<br>air conditioner           | 165/203    | 165/267;<br>165/43;<br>165/61;<br>62/158;<br>62/186;<br>62/526         | Taniguchi;<br>Fumio et al.   |
| US 4700103<br>A | USPAT | 19871013 | Spark plug and its<br>electrode configuration  | 313/141    | 313/142;<br>445/7  | Yamaguchi;<br>Takashi et al. |
| US 4677083<br>A | USPAT | 19870630 | Method for<br>manufacturing dielectric<br>fine powder of Ba.sub.1-<br>x Sr.sub.x TiO.sub.3 | 423/598    | 501/135;<br>501/136;<br>501/137  | Uedaira; Satoru<br>et al.    |
| US 4667139<br>A | USPAT | 19870519 | Table device   | 318/687    | 310/13;<br>318/135;<br>318/38  | Hirai; Hiromu<br>et al.      |
| US 4650726<br>A | USPAT | 19870317 | Ceramic substrate of<br>Na.sub.2 O and Ta.sub.2<br>O.sub.5 for thin film<br>magnetic head  | 428/813    | 428/689;<br>428/702;<br>428/900;<br>501/134                            | Yamaguchi;<br>Takashi et al. |
| US 4639400<br>A | USPAT | 19870127 | Ceramic substrate of<br>Na.sub.2 O and Nb.sub.2<br>O.sub.5 for magnetic<br>metal thin film | 428/813    | 428/132;<br>428/689;<br>428/702;<br>428/900;<br>501/134                | Yamaguchi;<br>Takashi et al. |
| US 4635234<br>A | USPAT | 19870106 | Memory circuit with an<br>improved output control<br>circuit                               | 365/189.05 | 365/194;<br>365/227;<br>365/241  | Yamaguchi;<br>Takashi        |
| US 4619310<br>A | USPAT | 19861028 | Supporting and guiding<br>apparatus continuous<br>rounds casting                           | 164/448    | 164/442;<br>226/177;<br>226/190  | Andoh;<br>Tsuyoshi et al.    |
| US 4615262<br>A | USPAT | 19861007 | Heater unit of<br>automotive air<br>conditioning system                                    | 454/124    | 237/12.3A  | Taniguchi;<br>Fumio          |

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| US 4599333<br>A | USPAT | 19860708 | Hydrazinopyridazine compound, process for production thereof, and use thereof as medicament                             | 514/247    | 544/239  | Yasuda; Kikuo et al.       |
| US 4563393<br>A | USPAT | 19860107 | Laminate of polyvinylidene fluoride bonded to thermoplastic resin   | 428/412    | 428/421;<br>428/422;<br>428/520;<br>428/521  | Kitagawa; Yozo et al.      |
| US 4544129<br>A | USPAT | 19851001 | Direct-acting servo valve   | 251/129.01 | 137/625.65   | Ichiryu; Ken et al.        |
| US 4486418<br>A | USPAT | 19841204 | 2'-Deamino aminoglycosides and composition thereof  | 514/36     | 536/16.1;<br>536/16.8  | Watanabe; Isamu et al.     |
| US 4443812<br>A | USPAT | 19840417 | High-breakdown-voltage semiconductor device   | 257/487    | 257/488;<br>257/493;<br>257/557;<br>257/630;<br>257/913;<br>257/E27.01;<br>257/E29.009;<br>257/E29.034;<br>257/E29.326 | Imaizumi; Ichiro et al.    |
| US 4440840<br>A | USPAT | 19840403 | Photographic image-processing method  | 430/4      | 430/139;<br>430/152;<br>430/290;<br>430/396;<br>430/494;<br>430/5  | Yamaguchi; Takashi         |
| US 4438107<br>A | USPAT | 19840320 | Aminoglycosides and use thereof   | 514/25     | 514/36;<br>536/16.1;<br>536/16.8;<br>536/17.9  | Watanabe; Isamu et al.     |
| US 4432230<br>A | USPAT | 19840221 | Method and apparatus for calibrating pumps  | 73/168     | 702/100;<br>73/1.25  | Stahler; John A. et al.    |
| US 4423433<br>A | USPAT | 19831227 | High-breakdown-voltage resistance element for integrated circuit with a plurality of multilayer, overlapping electrodes | 257/488    | 257/394;<br>257/536;<br>257/758;<br>257/E29.326  | Imaizumi; Ichiro et al.    |
| US 4382142<br>A | USPAT | 19830503 | Thiadiazole derivatives and process for preparing same  | 548/139    |  | Takatori; Kichitaro et al. |
| US 4353893<br>A | USPAT | 19821012 | Ka-6606 Aminoglycosides antibiotics and   | 514/25     | 514/35   | Watanabe; Isamu et al.     |

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|                 |       |          | compositions thereof  |          |  |                               |
| US 4335247<br>A | USPAT | 19820615 | Novel nitrosourea derivatives and process for their production                            | 548/140  | 562/553;<br>562/597;<br>564/33;<br>568/949                   | Takatori;<br>Kichitaro et al. |
| US 4295581<br>A | USPAT | 19811020 | Insecticidal aerosol formulation having a liquified petroleum gas propellant              | 222/192  | 222/402.18   | Yamaguchi;<br>Takashi et al.  |
| US 4288018<br>A | USPAT | 19810908 | Fastening device for papers   | 227/76   | 227/78;<br>83/618;<br>D8/50                                  | Taniguchi;<br>Fumio           |
| US 4271180<br>A | USPAT | 19810602 | Synergistic mixture of three pyrethroid series insecticidal compounds                     | 514/461  | 424/40;<br>514/417;<br>514/531                               | Yamaguchi;<br>Takashi et al.  |
| US 4187424<br>A | USPAT | 19800205 | Radioelectrophotography process   | 378/32   |  | Inoue; Eiichi et al.          |
| US 4156245<br>A | USPAT | 19790522 | High frequency carrier electric recording process   | 347/112  | 347/158;<br>399/267  | Inoue; Eiichi et al.          |
| US 4150388<br>A | USPAT | 19790417 | A-C charged electrostatic recording process   | 347/112  | 347/158  | Miyakawa;<br>Nobuhiro et al.  |
| US 4150387<br>A | USPAT | 19790417 | Alternating current electrostatic recording process                                       | 347/112  | 346/135.1  | Miyakawa;<br>Nobuhiro et al.  |
| US 4149731<br>A | USPAT | 19790417 | Packing for use in steel-pipe hydraulic testing apparatus                                 | 277/624  |  | Yoshida;<br>Mitsuo et al.     |
| US 4093797<br>A | USPAT | 19780606 | Novel aminocyclitols and process for production thereof                                   | 536/13.5 |  | Oda; Takeshi et al.           |
| US 4088213<br>A | USPAT | 19780509 | Apparatus for transporting cylindrical steel articles                                     | 193/40   | 188/164;<br>310/12;<br>318/135                               | Nakamura;<br>Takahiro et al.  |
| US 4085942<br>A | USPAT | 19780425 | Packing for use in steel-pipe hydraulic testing apparatus                                 | 277/624  |  | Yoshida;<br>Mitsuo et al.     |
| US 4052211<br>A | USPAT | 19771004 | Image forming material  | 430/325  | 430/270.1;<br>430/323;<br>430/926                            | Inoue; Eiichi et al.          |
| US 4014718<br>A | USPAT | 19770329 | Method of making integrated circuits free from the formation of a parasitic PNP thyristor | 438/357  | 148/33.5;<br>257/512;<br>257/547;<br>257/552;<br>257/E21.608 | Tomozawa;<br>Akihiro et al.   |

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| US 3943239<br>A | USPAT | 19760309 | Stabilized insecticidal composition                     | 424/43 | 424/40;<br>424/45;<br>514/72               | Yamaguchi;<br>Takashi et al. |
| US 3899420<br>A | USPAT | 19750812 | Steam reformer for hydrocarbons                         | 48/109 | 196/133;<br>422/112;<br>48/127.9;<br>48/94 | Nozawa; Masao<br>et al.      |
| US 3825317<br>A | USPAT | 19740723 | APPLICATION OF A NOVEL PHOTSENSITIVE MEMBER TO HOLOGRAM | 430/2  | 359/6; 430/1;<br>430/13;<br>430/66         | Inoue; Eiichi et<br>al.      |
| US 3577575<br>A | USPAT | 19710504 | BINDING AND OPENING DEVICE                              | 7/158  | 29/564;<br>30/123;<br>493/353              | Taniguchi;<br>Fumio          |